

DERWENT-ACC-NO: 2000-039081  
DERWENT-WEEK: 200282  
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TITLE: One-component dispersion which crosslinks at low temperature,  
preferably room temperature, useful as varnish, coating material,  
casting  
compound or adhesive

INVENTOR: GUSE, D; HIPPOLD, T ; TERFLOTH, C

PATENT-ASSIGNEE: JOWAT LOBERS & FRANK GMBH & CO KG[JOWAN]

PRIORITY-DATA: 1998DE-1020270 (May 7, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
MX 2000010093	December 1, 2001	N/A	000
C08G 018/70			
A1	November 18, 1999	G	017
C08G 018/70			
WO 9958590 A1	November 29, 1999	N/A	000
C08G 018/70			
AU 9928250 A	January 30, 2001	N/A	000
C08G 018/70			
BR 9910202 A	February 22, 2001	N/A	000
C09D 005/02			
DE 29923700 U1	March 14, 2001	G	000
C08G 018/70			
EP 1082373 A1	May 10, 2001	N/A	000
C08G 018/70			
DE 19980843 T	April 11, 2001	N/A	000
C08G 018/70			
CZ 200004045	June 13, 2001	N/A	000
C08G 018/70			
A3	March 26, 2001	N/A	000
C08G 018/70			
CN 1299384 A	May 21, 2002	N/A	014
C08G 018/70			
KR 2001024983	June 20, 2002	N/A	000
C08G 018/70			
A			
JP 2002514668			
W			
AU 749308 B			

DESIGNATED-STATES: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK  
EE ES FI G  
B GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV

MD MG MK  
 MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN  
 YU ZW AT  
 BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT  
 SD SE SZ U  
 G ZW AL AT BE CH DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO  
 SE SI

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	
APPL-DATE			
MX2000010093A1	N/A	2000MX-0010093	
October 16, 2000	N/A	1999WO-DE00223	
January 29, 1999			
WO 9958590A1	N/A	1999AU-0028250	
January 29, 1999			
AU 9928250A	Based on	WO 9958590	N/A
AU 9928250A	N/A	1999BR-0010202	
January 29, 1999			
BR 9910202A	N/A	1999WO-DE00223	
January 29, 1999			
BR 9910202A	Based on	WO 9958590	N/A
BR 9910202A	N/A	1999DE-2023700	
January 29, 1999			
DE 29923700U1	Application no.	1999WO-DE00223	
January 29, 1999			
DE 29923700U1	N/A	1999EP-0908751	
January 29, 1999			
EP 1082373A1	N/A	1999WO-DE00223	
January 29, 1999			
EP 1082373A1	Based on	WO 9958590	N/A
EP 1082373A1	N/A	1999DE-1080843	
January 29, 1999			
DE 19980843T	N/A	1999WO-DE00223	
January 29, 1999			
DE 19980843T	Based on	WO 9958590	N/A
DE 19980843T	N/A	1999WO-DE00223	
January 29, 1999			
CZ	N/A	2000CZ-0004045	
January 29, 1999			
200004045A3	Based on	WO 9958590	N/A
CZ	N/A	1999CN-0805666	
January 29, 1999			
200004045A3	N/A	2000KR-0712123	
October 31, 2000			
CZ	N/A	1999WO-DE00223	
January 29, 1999			
200004045A3	N/A	2000JP-0548392	
January 29, 1999			
CN 1299384A	Based on	WO 9958590	N/A

KR2001024983A	N/A	1999AU-0028250	
January 29, 1999			
JP2002514668W	Previous Publ.	AU 9928250	N/A
JP2002514668W	Based on	WO 9958590	N/A
JP2002514668W			

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INT-CL (IPC): C08G018/70; C08G018/80 ; C08J005/18 ; C09D005/02 ;  
C09D175/02 ; C09J175/02 ; C09J175/04 ; C09K003/10

ABSTRACTED-PUB-NO: WO 9958590A

BASIC-ABSTRACT: NOVELTY - A 1-component dispersion containing  
deactivated  
isocyanate which is crosslinkable at a temperature below 70 deg. C.

USE - As varnish, coating material, sealant, casting compound or  
adhesive  
(claimed). As an adhesive, such dispersions may be used, e.g. for  
bonding  
plastic sheet to a contoured MDF substrate to form a 3-dimensional  
front for  
furniture.

ADVANTAGE - A 1-component adhesive system etc. with good storage  
stability,  
which is crosslinked at room temperature by destruction of the  
deactivating  
surface coating on the isocyanate crosslinker. This system also avoids  
the  
proportioning and mixing errors associated with 2-component systems.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS:

ONE COMPONENT DISPERSE CROSSLINK LOW TEMPERATURE PREFER ROOM  
TEMPERATURE USEFUL  
VARNISH COATING MATERIAL CAST COMPOUND ADHESIVE

DERWENT-CLASS: A28 A81 A82 G02 G03

CPI-CODES: A07-B; A08-C06; A08-C09A; A08-D04A; A12-A05; A12-B01A;  
G02-A02B;  
G02-A03; G03-B02C;

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1]  
018 ; G1912\*R G1854 G1843 D01 D11 D10 D19 D18 D31 D50 D76 D89 F73  
; H0011\*R ; P0000  
Polymer Index [1.2]

018 ; R00735 G1887 G1854 G1843 D01 D11 D10 D19 D18 D32 D50 D76 D93  
F73 ; H0011\*R ; P0000  
Polymer Index [1.3]  
018 ; ND01 ; Q9999 Q6644\*R ; Q9999 Q7114\*R ; Q9999 Q7170 Q7158  
Q7114  
; Q9999 Q9007 ; Q9999 Q7716 Q7681 ; B9999 B4988\*R B4977 B4740 ;  
K9665 ; B9999 B5243\*R B4740 ; B9999 B4171 B4091 B3838 B3747 ; B9999  
B3532 B3372  
Polymer Index [1.4]  
018 ; R00867 D01 D14 D13 D31 D50 D76 D86 F23 ; A999 A475

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